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<b>Total pages, including cover:</b>	10
<b>RE:</b>	<b>Draft Amendment, for Application No. 09/804,522 Filed March 12, 2001</b>
<b>Our Ref. No.</b>	W02.101
<p>Please see attached DRAFT Amendment.</p> <p>Thank you.</p>	

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Appl. No. 09/804,522

Amnt. dated 8/24/05

Reply to Office Action of Apr 27, 2005

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Appl. No. : 09/804,522  
Applicant : Paul E. Johnson  
Filed : March 12, 2001  
Title : LED Illuminated Particle Detection  
Group Art Unit : 2872  
Examiner : A. Lavarias  
Docket No. : W02.101

Honorable Commissioner of Patents  
Washington DC 20231

**DRAFT AMENDMENT**

Sir:

In response to the Office Action mailed April 27, 2005 please amend the above identified patent application as follows:

**Amendments to the Claims** are reflected in the listing of claims which begins on page 2 of this paper.

**Remark/Arguments** begin on page 8 of this paper.

Appl. No. 09/804,522  
Amnt. dated 8/24/05  
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This listing of claims will replace all prior versions, and listings, of the claims in the application:

**Listing of Claims:**

Claim 1 (currently amended). An LED illumination ~~source~~ device and a detection element for use in a flow particle detection device comprising:

an LED for providing light at a selected wavelength; ~~and~~

an optical element for collecting nearly all of the light from the LED and concentrating the selected light at a selected volume within a flow stream; ~~and~~  
s and

a detector for detecting fluorescent light from the flow stream resulting from the light from the LED illumination source.

Claim 2 (original). The device of claim 1, wherein the optical element comprises:

a collecting element having a small focal length for collecting the light from the LED and substantially collimating it to a roughly parallel beam of light; and

a focussing element for focussing the collimated beam.

Claim 3 (original). The device of claim 1 wherein the collecting element is a ball lens.

Claim 4 (original). The device of claim 1 wherein the LED is a composite LED which generates light at two wavelengths.

Claim 5 (previously amended). The device of claim 1 wherein the LED is a side emitting, flat pack, lensless LED.